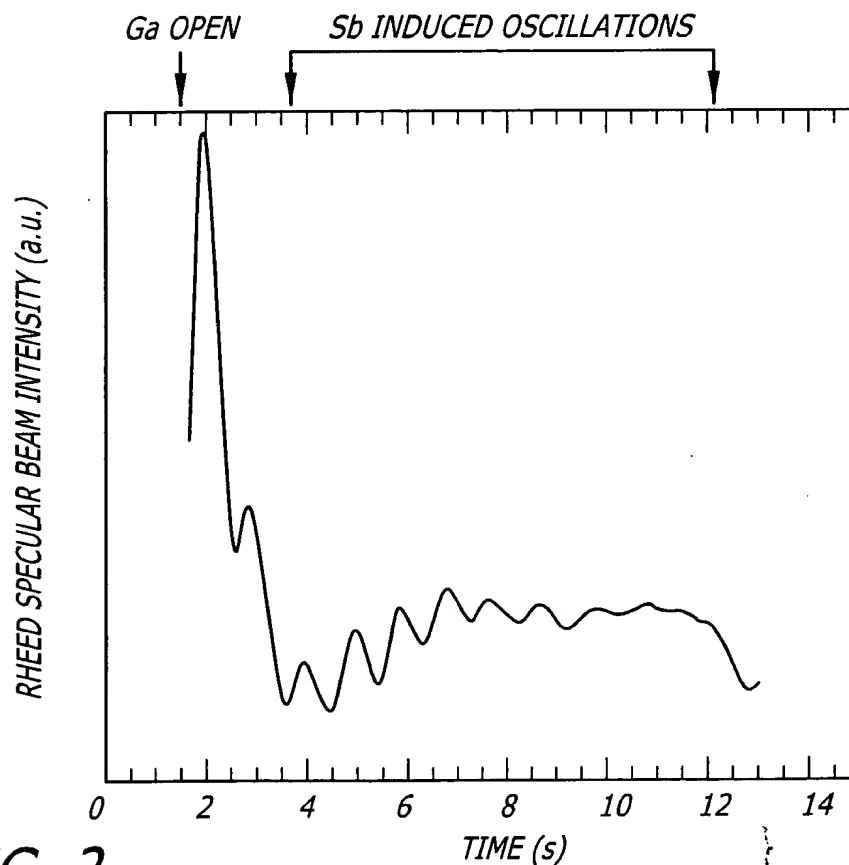
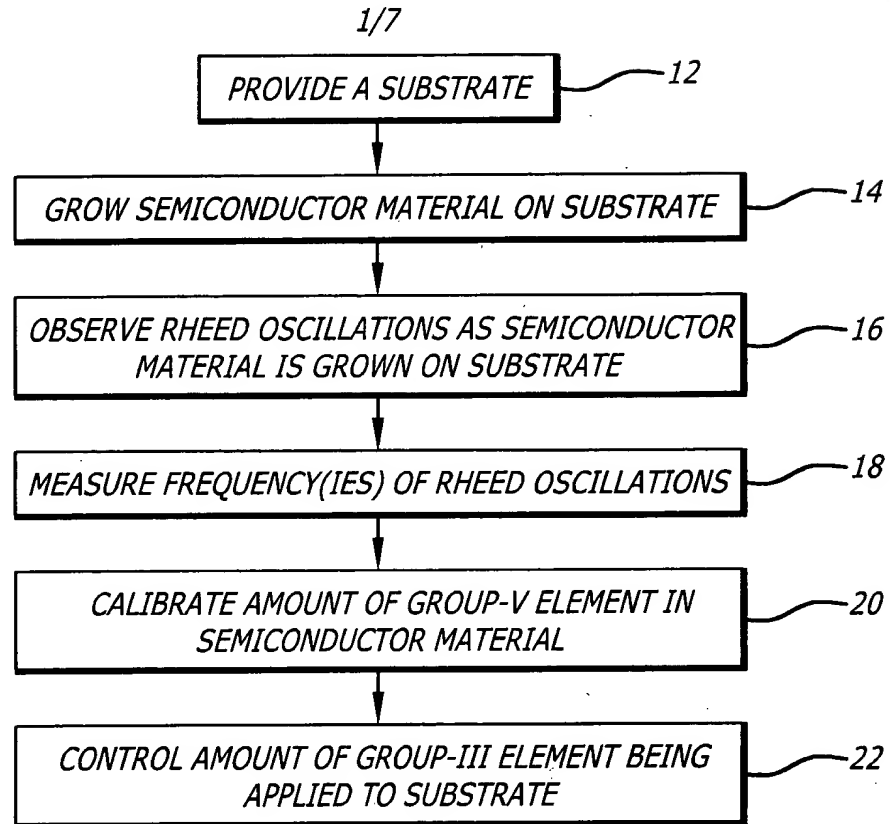


**FIG. 1**



**FIG. 2**

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FIG. 3

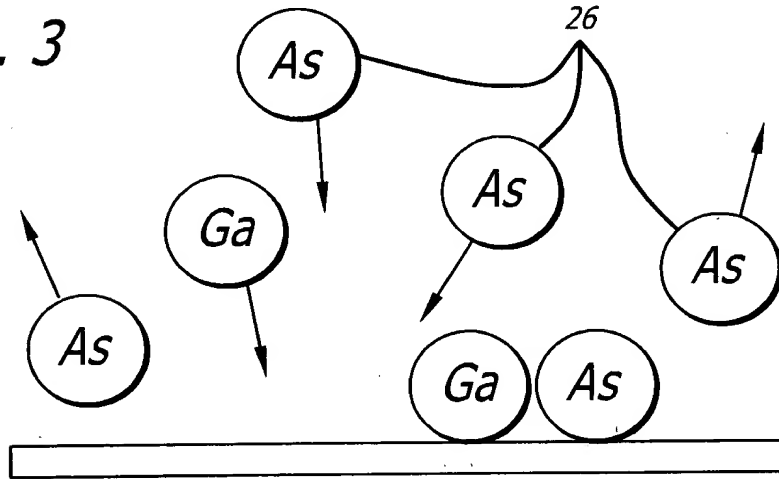


FIG. 4

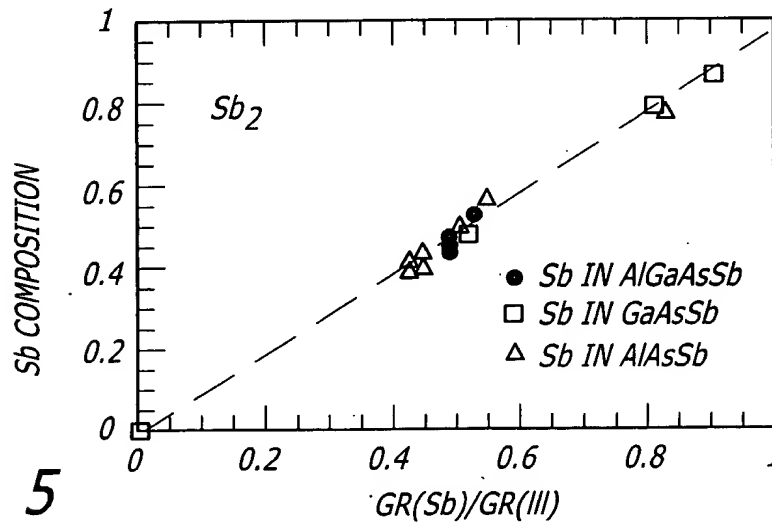
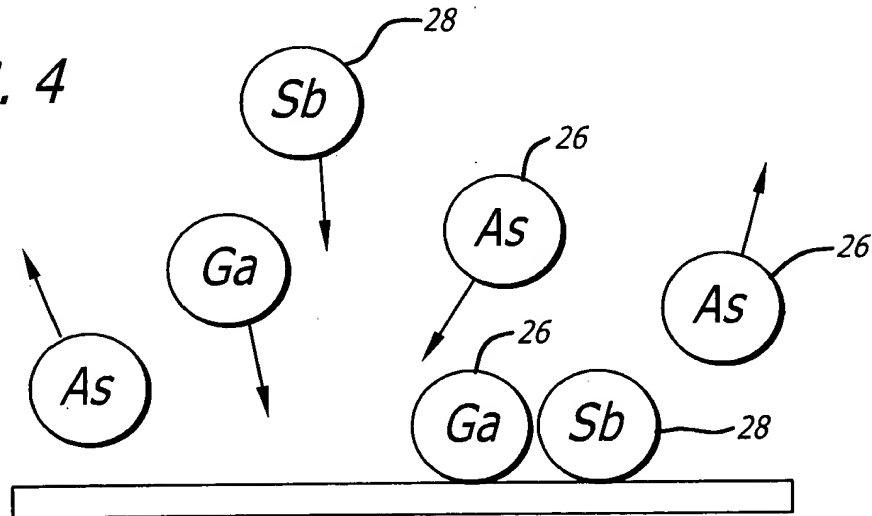
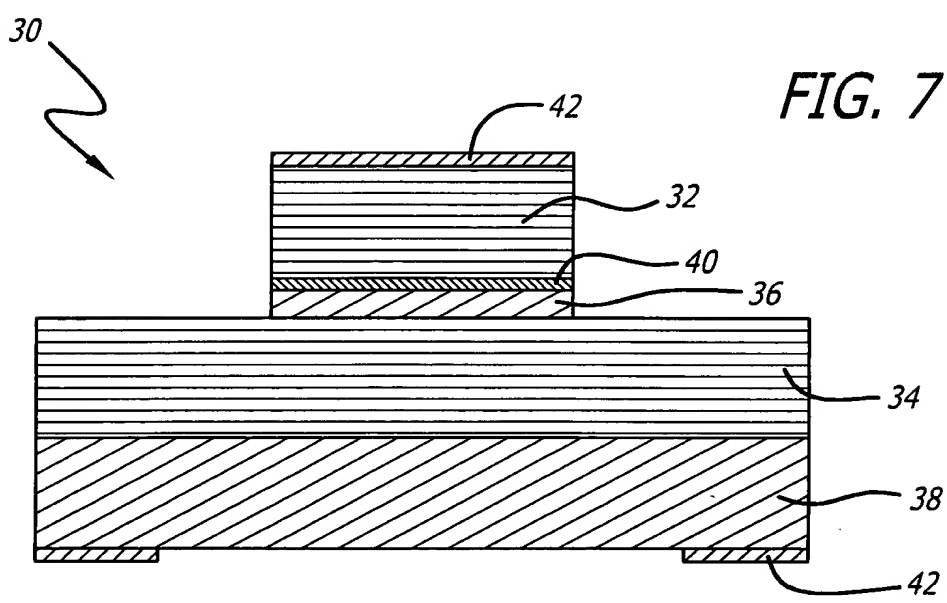
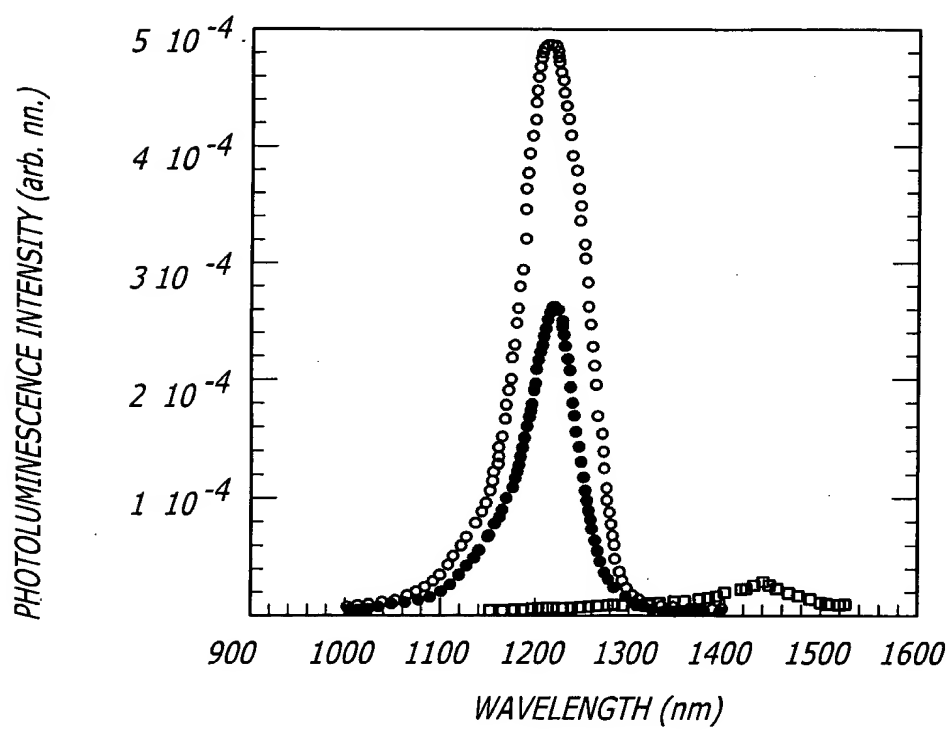
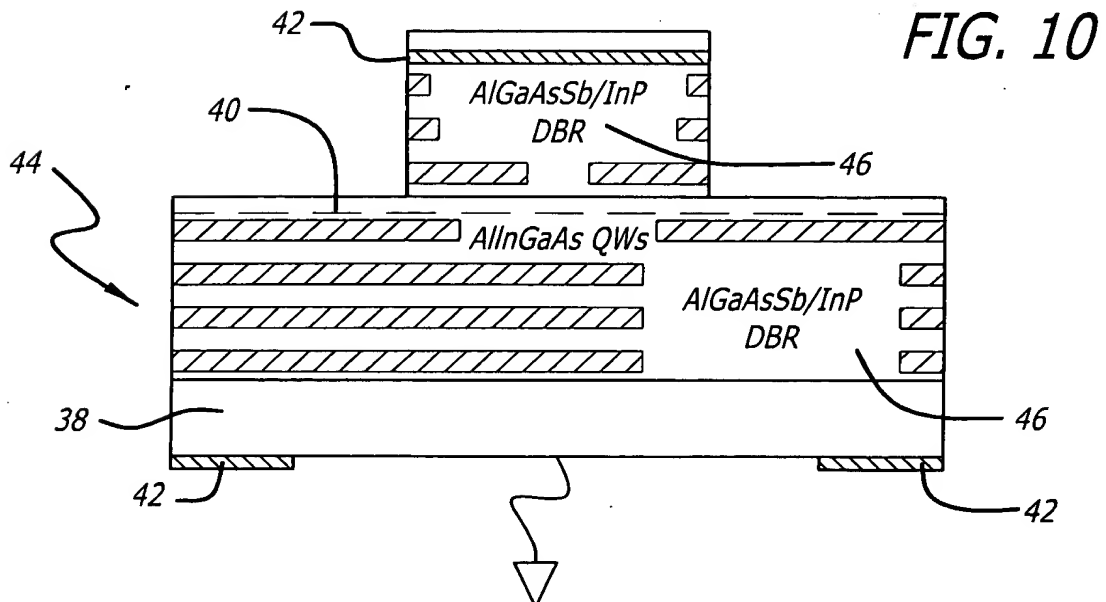
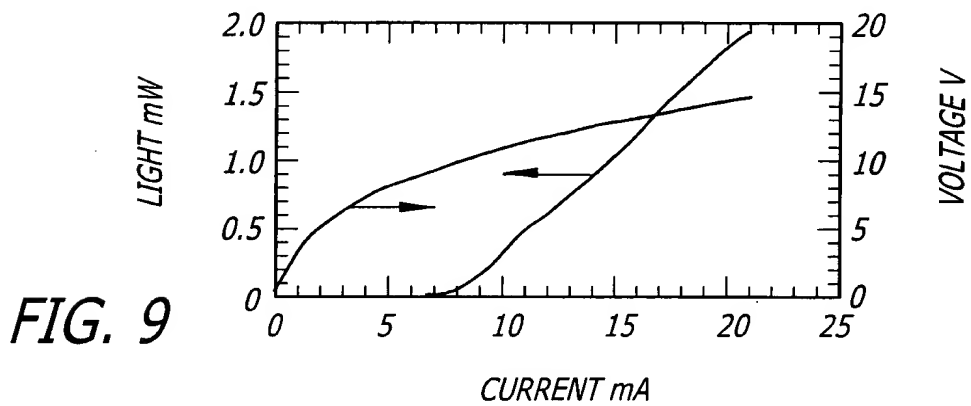
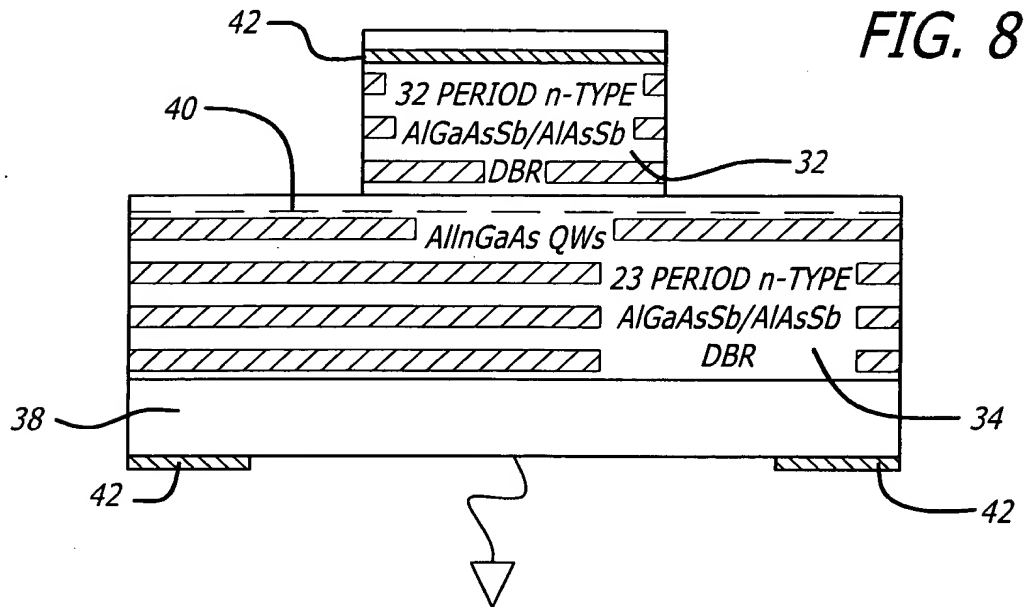


FIG. 5

FIG. 6



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FIG. 11

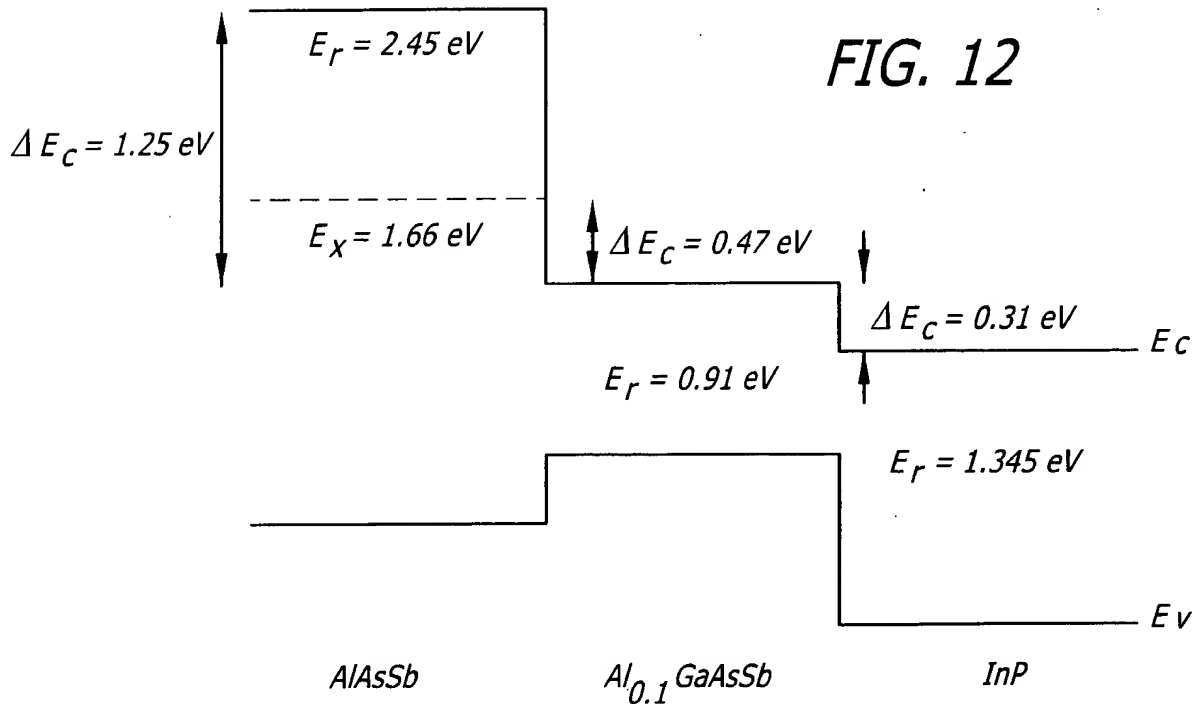
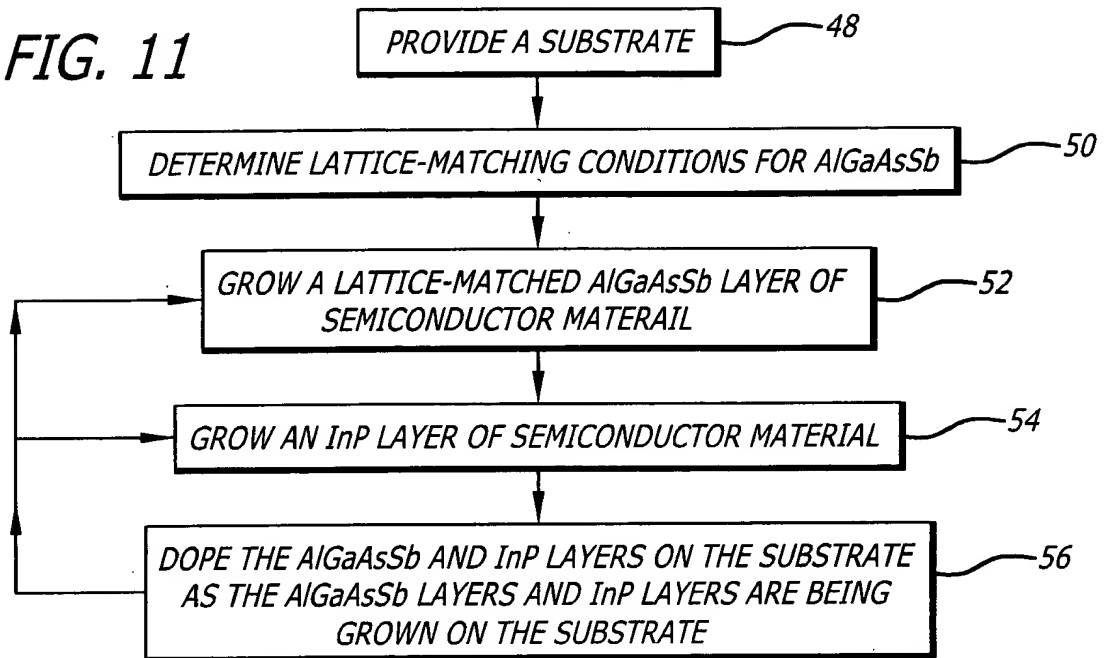


FIG. 13

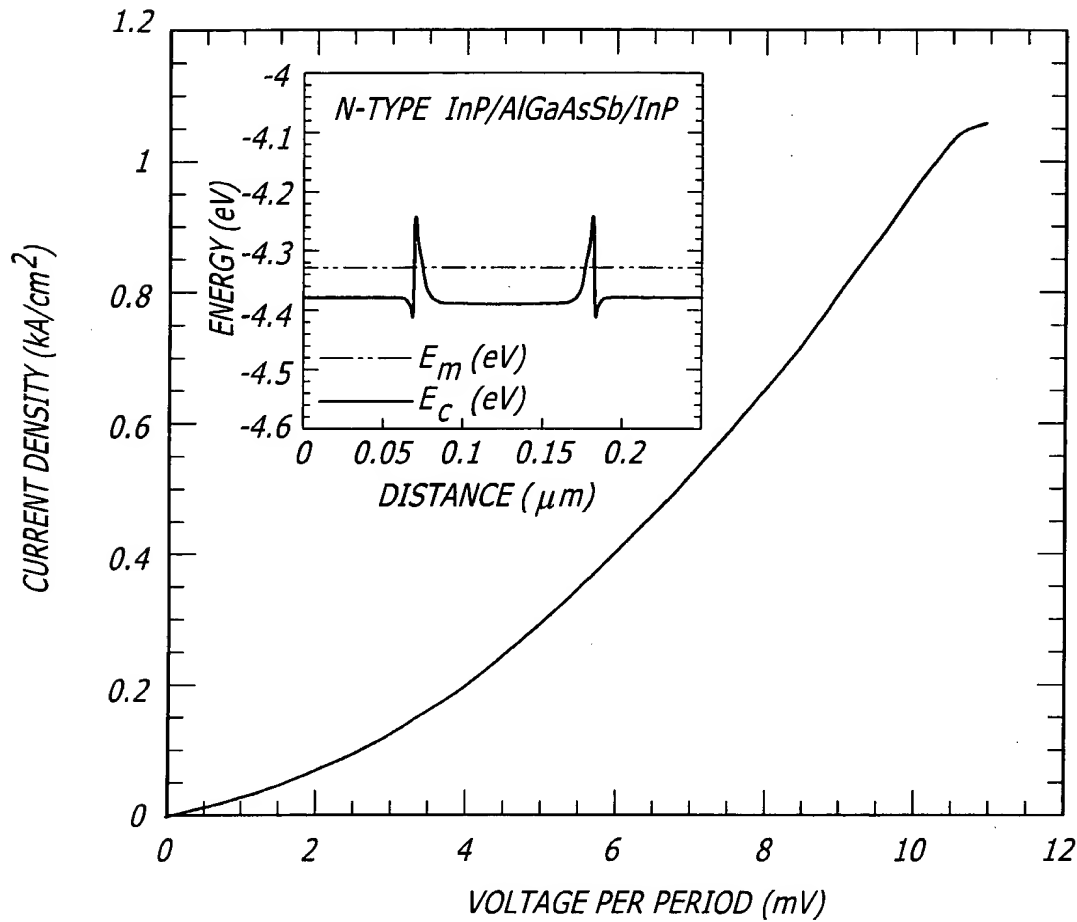


FIG. 14

MATERIAL	MEASURED THERMAL CONDUCTIVITY (W/m.K)	VALUE FROM THE LITERATURE (W/m.K)	REFERENCE
AlGaAsSb BULK LAYER	3.16	-	THIS WORK
AlAsSb BULK LAYER	4.18	-	THIS WORK
InP BULK LAYER	71	68	[14]
AlGaAsSb/AlAsSb DBR	3.62	5.6 *	[15]
AlGaAsSb/InP DBR	6.52	-	THIS WORK

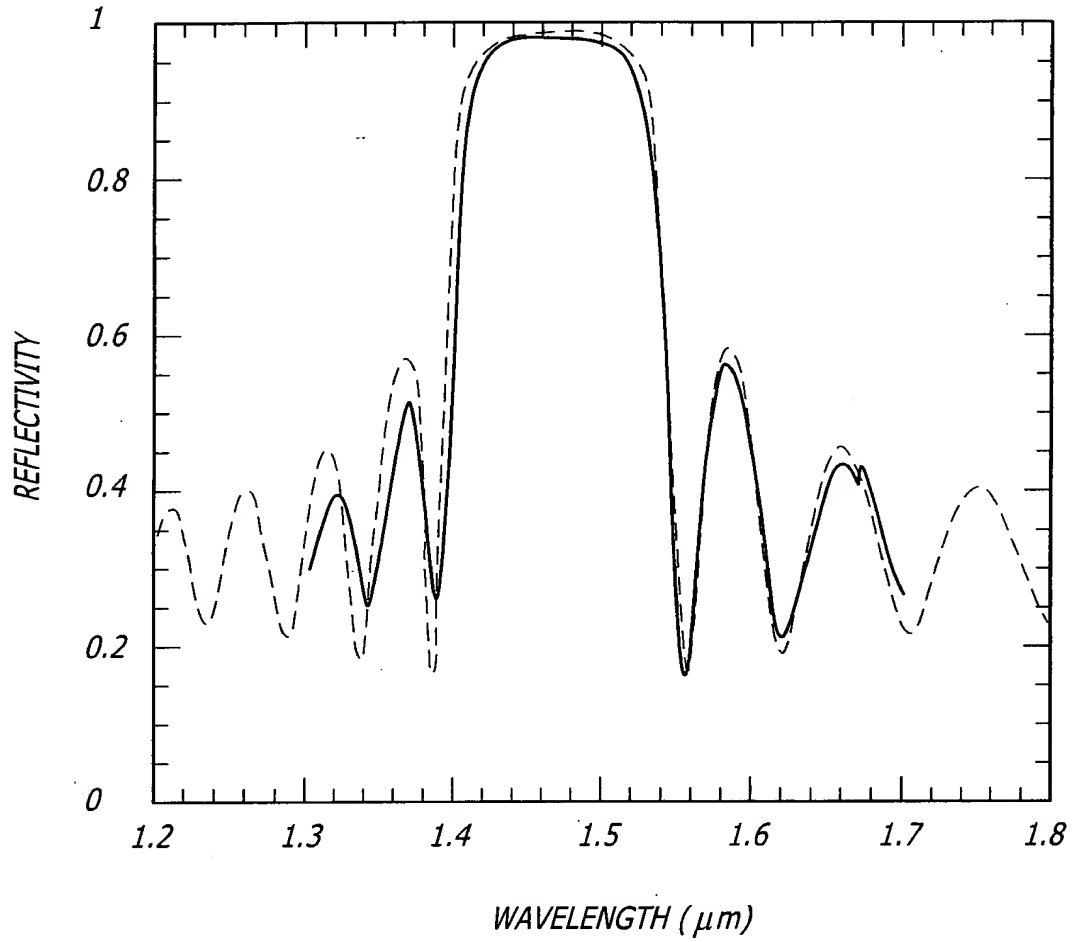


FIG. 15